

CLAIMS

1. A procedure in dry formation of a fibre layer, in which
procedure fibre-containing air is passed through a forming
5 wire (7) moving via a former (2) or an equivalent distributor
unit and further through a suction box (8) or equivalent
placed below the forming wire, and which air is circulated
back to the upper part of the same or another former, **charac-**
terized in that the air circulated through the suction box
10 (8) is passed to the upper part of the former via channels
(17) with an adjustable flow rate.
2. A procedure according to claim 1, **characterized** in that
the flow rate in the channels (17) leading to the upper part
15 of the former is adjusted in a channel-specific manner for
each channel (17) by means of a regulating element (18) pro-
vided at the beginning of the channels (17).
3. A procedure according to claim 1 or 2, **characterized** in
20 that the channel-specific adjustment of the circulation air
flow is made during operation by decreasing or increasing the
cross-sectional area of the mouths of the channels (17).
4. A procedure according to claim 1, 2, or 3, **characterized**
25 in that the circulation air going through the forming wire
(7) is passed through the suction box (8) via channels (11)
with an adjustable flow rate provided in the suction box.
5. An apparatus (1) in dry formation of a fibre layer, said
30 apparatus comprising at least one former (2) or an equivalent
distributor unit, a forming wire (7) moving below the former
and at least one suction box (8) below the forming surface of
the forming wire and a system of circulation air channels
leading from the suction box to the upper side of the same or
35 some other former or an equivalent distributor unit, **charac-**
terized in that the system of circulation air channels (9)
leading to the upper side of the former or equivalent dis-

tributor unit and divided into substantially separate channels (17).

6. An apparatus according to claim 5, **characterized** in that
5 the apparatus comprises a regulating element (18), by means of which the flow rate in each channel (17) can be separately adjusted.

7. An apparatus according to claim 5 or 6, **characterized** in
10 that the regulating element (18) is a regulating device at the beginning of the channels (17) of the channel system (9) the decreases or increases the mouths of the channels (17), and that the regulating element (8) has been fitted to be adjusted during operation of the apparatus.

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8. An apparatus according to claim 5, 6 or 7, **characterized**
in that the suction box (8) is divided into sections by channels (11) separate from each other, which channels lead in a converging manner into an exhaust duct (12) provided at the
20 side of the suction box and leading to a fan (13).

9. An apparatus according to any one of the preceding claims 5-8, **characterized** in that the suction box (8) is divided into a number of separate channels (11) corresponding to
25 channels (17), said channels (11) being provided with a regulating element (20) substantially corresponding to the regulating element (18) of channels (17).

10. An apparatus according to any one of the preceding claims
30 5-9, **characterized** in that the cross-sectional areas of channels (17) at the junction between the upper part of the former and the channels (17) are mutually substantially equal, and that the total width of channels (17) covers substantially the entire transverse width of the forming wire (7) at
35 the junction of the upper part of the former.